

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	124	validat\$3 code form includ\$3 additional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/29 06:53
L2	0	1 (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/29 06:54
L4	559	715/505-508.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/29 06:49
L5	15	1 field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/29 06:49
L6	234	validat\$3 code form includ\$3 (creat\$3 or generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/29 06:54
L7	25	6(html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/29 06:54
S1	98	validat\$3 form tag (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/29 06:47
S2	9	validat\$3 form tag (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2004/10/25 14:30
S3	309	715/500.1.ccor.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/29 06:48
S4	2	filling form field business	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2004/10/25 14:30

S5	39	filling form field business	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/25 14:31
S6	1	S5 logic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/25 14:30
S7	9764	automatic generat\$3 form	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/26 08:40
S10	18	S7 field (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/26 08:41
S11	9764	automatic generat\$3 form	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/26 10:04
S12	3	S11 business rule (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/26 10:04
S13	4	S11 field (html xml markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/26 10:05
S14	2	((("6751779") or ("5659639")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2004/10/26 10:58
S15	161	validat\$3 form field rule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/27 07:52
S16	57	S15 business	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/10/27 07:53

S17	106	automatic\$4 (creat\$3 or generat\$3) form field (restriction or rule)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/18 10:32
S18	2446	automatic\$4 (creat\$3 or generat\$3) form field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/18 10:31
S19	44	("4646250" "4713753" "5008810" "5032979" "5040132" "5091868" "5126728" "5182705" "5187787" "5220604" "5245553" "5251291" "5283861").PN. OR ("5410646").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 10:33
S20	8	((("5801701") or ("5341293") or ("6397054") or ("6324543")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 15:34
S21	53	validat\$3 form field (creat\$3 or generat\$3) (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 14:34
S22	13	S21 rule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 14:00
S23	24	adapt\$3 form field (creat\$3 or generat\$3) (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 14:39
S24	10	adapt\$3 form field (display\$3) (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 14:44
S25	3	smart form field (display\$3) (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 14:45
S26	1	smart form fill\$3 (display\$3) (html or xml or markup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 14:47

S27	32	smart adj form	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 15:04
S28	102	adaptive adj form	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 15:04
S29	0	S28 field fill\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 15:04
S30	1	S28 field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/11/26 15:17

	Document ID	Issue Date	Title	Current OR	Inventor
28	US 5671428 A	19970923	Collaborative document processing system with version and comment management	715/751	Muranaga; Tetsuro et al.
29	US 5392400 A	19950221	Collaborative computing system using pseudo server process to allow input from different server processes individually and sequence number map for maintaining received data sequence	709/203	Berkowitz; David B. et al.
30	US 5231578 A	19930727	Apparatus for document annotation and manipulation using images from a window source	715/512	Levin; Stephen R. et al.
31	US 5220657 A	19930615	Updating local copy of shared data in a collaborative system	711/152	Bly; Sara A. et al.

	Document ID	Issue Date	Title	Current OR	Inventor
32	US 5165012 A	19921117	Creating reminder messages/screens, during execution and without ending current display process, for automatically signalling and recalling at a future time	715/809	Crandall; Richard L. et al.

	Document ID	Issue Date	Title	Current OR	Inventor
1	US 200402056 63 A1	20041014	Undo/redo architecture across multiple files	715/530	Mohamed, Ibrahim A.
2	US 200402055 25 A1	20041014	Automatic identification of form contents	715/505	Murren, Brian T. et al.
3	US 200400787 76 A1	20040422	System and method for browser-based arbitration in classification workflows	717/101	Moon, Charles et al.
4	US 200400738 11 A1	20040415	Web service security filter	713/201	Sanin, Aleksey
5	US 200400600 05 A1	20040325	Systems, methods and computer programs for analysis, clarification, reporting on and generation of master documents for use in automated document generation	715/513	Vasey, Philip Edgar
6	US 200302126 01 A1	20031113	Credit card SMS portal transmission system and process	705/17	Silva, Ivan et al.
7	US 200300789 60 A1	20030424	Architecture and process for creating software applications for multiple domains	709/203	Murren, Brian T. et al.

	Document ID	Issue Date	Title	Current OR	Inventor
8	US 200300789 49 A1	20030424	Automatic generation of forms with input validation	715/505	Scholz, Bernhard J. et al.
9	US 200200988 53 A1	20020725	Method and system for providing vehicle-directed services	455/456.2	Chrumka, Edward P.
10	US 200200831 32 A1	20020627	Accessing page bundles on a portable client having intermittent network connectivity	709/203	Holland, Ian Michael et al.
11	US 200100420 32 A1	20011115	System for capturing, processing, tracking and reporting time and expense data	705/32	Crawshaw, Geoffrey K. et al.
12	US 200100373 61 A1	20011101	Methods and systems for transactional tunneling	709/203	Croy, John Charles
13	US 6718535 B1	20040406	System, method and article of manufacture for an activity framework design in an e-commerce based environment	717/101	Underwood; Roy Aaron
14	US 6704873 B1	20040309	Secure gateway interconnection in an e-commerce based environment	713/201	Underwood; Roy Aaron

	Document ID	Issue Date	Title	Current OR	Inventor
15	US 6701514 B1	20040302	System, method, and article of manufacture for test maintenance in an automated scripting framework	717/115	Haswell; John Jeffrey et al.
16	US 6633878 B1	20031014	Initializing an ecommerce database framework	707/100	Underwood; Roy Aaron
17	US 6609128 B1	20030819	Codes table framework design in an E-commerce architecture	707/10	Underwood; Roy Aaron
18	US 6601233 B1	20030729	Business components framework	717/102	Underwood; Roy Aaron
19	US 6584569 B2	20030624	System for determining web application vulnerabilities	713/201	Reshef; Eran et al.
20	US 6523027 B1	20030218	Interfacing servers in a Java based e-commerce architecture	707/4	Underwood; Roy Aaron
21	US 6507867 B1	20030114	Constructing, downloading, and accessing page bundles on a portable client having intermittent network connectivity	709/219	Holland; Ian Michael et al.

	Document ID	Issue Date	Title	Current OR	Inventor
22	US 6505242 B2	20030107	Accessing page bundles on a portable client having intermittent network connectivity	709/219	Holland; Ian Michael et al.
23	US 6502102 B1	20021231	System, method and article of manufacture for a table-driven automated scripting architecture	707/102	Haswell; John Jeffrey et al.
24	WO 3009071 A1	20030130	SYSTEM AND METHOD FOR EXPORTING OR IMPORTING OBJECT DATA IN A MANUFACTURING EXECUTION SYSTEM		YUAN, HUEY-SHIN
25	NNRD43019 1	20000201	Non-Destructive Annotation of Documents in an Image Processing Environment		

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1	US 200300789 60 A1	20030424	Architecture and process for creating software applications for multiple domains	709/203	Murren, Brian T. et al.
2	US 200300789 49 A1	20030424	Automatic generation of forms with input validation	715/505	Scholz, Bernhard J. et al.
3	US 200300699 75 A1	20030410	Network apparatus for transformation	709/227	Abjanic, John B. et al.
4	US 200300286 54 A1	20030206	Method and apparatus for content based switching	709/229	Abjanic, John B. et al.
5	US 200201989 35 A1	20021226	Methods and systems for validating the fields of a form	709/203	Crandall, Steven Allen SR. et al.
6	US 200200383 20 A1	20020328	Hash compact XML parser	715/513	Brook, John Charles
7	US 200100373 61 A1	20011101	Methods and systems for transactional tunneling	709/203	Croy, John Charles
8	US 6732175 B1	20040504	Network apparatus for switching based on content of application data	709/227	Abjanic; John B.

	Document ID	Issue Date	Title	Current OR	Inventor
9	US 200100395 94 A1	20011108	Method for enforcing workflow processes for website development and maintenance	719/311	Park, Britt H. et al.

	Document ID	Issue Date	Title	Current OR	Inventor
1	US 200402055 25 A1	20041014	Automatic identification of form contents	715/505	Murren, Brian T. et al.
2	US 200401334 72 A1	20040708	Promotional campaign award validation methods through a distributed computer network	705/14	Leason, David et al.
3	US 200400787 56 A1	20040422	Method of improving recognition accuracy in form-based data entry systems	715/507	Napper, Jonathon Leigh et al.
4	US 200302289 07 A1	20031211	Server-less cashless gaming systems and methods	463/42	Gatto, Jean-Marie et al.
5	US 200302042 88 A1	20031030	Dispensing lottery tickets	700/236	Scrymgeour, Lyle Harold et al.
6	US 200301821 59 A1	20030925	Process for summarizing information for insurance underwriting suitable for use by an automated system	705/2	Bonissone, Piero Patrone et al.
7	US 6714838 B2	20040330	Dispensing lottery tickets	700/242	Scrymgeour; Lyle Harold et al.
8	US 6663105 B1	20031216	Game or lottery with a reward validated and/or redeemed online	273/138.2	Sullivan; Scott L. et al.

	Document ID	Issue Date	Title	Current OR	Inventor
9	US 6645075 B1	20031111	Cashless time gaming	463/25	Gatto; Jean-Marie et al.
10	US 6496936 B1	20021217	System and method for authentication of network users	713/201	French; Jennifer et al.
11	US 6251017 B1	20010626	Game or lottery with a reward validated and/or redeemed online	463/42	Leason; David et al.
12	US 6044382 A	20000328	Data transaction assembly server	715/505	Martino; Rocco L.
13	NN8707704	19870701	Application Component Generation Via Generator Input Units		
14	NN7605397 1	19760501	User Configurable Local Storage Registers. May 1976.		
15	NN7311179 6	19731101	General Purpose Data Collection Method. November 1973.		

	Document ID	Issue Date	Title	Current OR	Inventor
1	US 6601087 B1	20030729	Instant document sharing	709/205	Zhu; Min et al.
2	US 6571295 B1	20030527	Web page annotating and processing	709/246	Sidana; Ashmeet S.
3	US 6507845 B1	20030114	Method and software for supporting improved awareness of and collaboration among users involved in a task	707/100	Cohen; Andrew L. et al.
4	US 6493731 B1	20021210	Document management system for recording and viewing the history of document use	715/501.1	Jones; Rachel et al.
5	US 6360250 B1	20020319	Apparatus and method for sharing information in simultaneously viewed documents on a communication system	709/204	Anupam; Vinod et al.
6	US 6353851 B1	20020305	Method and apparatus for sharing asymmetric information and services in simultaneously viewed documents on a communication system	709/204	Anupam; Vinod et al.

	Document ID	Issue Date	Title	Current OR	Inventor
7	US 6342906 B1	20020129	Annotation layer for synchronous collaboration	715/751	Kumar; Suresh et al.
8	US 6336134 B1	20020101	Dynamic clients, dynamic partitions, locking, and migration capability for distributed server for real-time collaboration	709/205	Varma; Pradeep
9	US 6308199 B1	20011023	Cooperative work support system for managing a window display	709/204	Katsurabayashi; Hiroshi
10	US 6240444 B1	20010529	Internet web page sharing	709/205	Fin; Tong-Haing et al.
11	US 6230172 B1	20010508	Production of a video stream with synchronized annotations over a computer network	715/512	Purnaveja; Audi et al.
12	US 6161149 A	20001212	Centrifugal communication and collaboration method	710/4	Achacoso; Theodore B. et al.
13	US 6081829 A	20000627	General purpose web annotations without modifying browser	709/203	Sidana; Ashmeet S.

	Document ID	Issue Date	Title	Current OR	Inventor
14	US 6081291 A	20000627	Methods and systems for multimedia communication via public telephone networks	348/14.11	Ludwig, Jr.; Lester Frank
15	US 6052695 A	20000418	Accurate completion of transaction in cooperative type distributed system and recovery procedure for same	707/202	Abe; Kenichi et al.
16	US 6052514 A	20000418	Distributed publication system with simultaneous separate access to publication data and publication status information	715/733	Gill; Timothy E. et al.
17	US 5966512 A	19991012	Groupware save operation	709/205	Bates; Cary Lee et al.
18	US 5890177 A	19990330	Method and apparatus for consolidating edits made by multiple editors working on multiple document copies	715/511	Moody; Paul B. et al.

	Document ID	Issue Date	Title	Current OR	Inventor
19	US 5870759 A	19990209	System for synchronizing data between computers using a before-image of data	707/201	Bauer; Jonathan A. et al.
20	US 5870547 A	19990209	Remote collaboration among a host computer and a plurality of remote computers each remote computer running a remote program that selectively replicates annotated images on the other remote computers	709/204	Pommier; Theresa M. et al.
21	US 5860074 A	19990112	Method and apparatus for displaying an electronic document with text over object	715/526	Rowe; Edward R. et al.
22	US 5845301 A	19981201	System, method, and computer program product for displaying and processing notes containing note segments linked to portions of documents	715/512	Rivette; Kevin Gerard et al.

	Document ID	Issue Date	Title	Current OR	Inventor
23	US 5838914 A	19981117	Collaboration system for allowing computer to draw annotation images on the output of selected program and replicating the annotation images on displays of other computers	709/204	Carleton; Allison A. et al.
24	US 5832474 A	19981103	Document search and retrieval system with partial match searching of user-drawn annotations	707/2	Lopresti; Daniel P. et al.
25	US 5831615 A	19981103	Method and apparatus for redrawing transparent windows	715/768	Drews; Paul C. et al.
26	US 5821931 A	19981013	Attachment and control of software notes	715/784	Berquist; David T. et al.
27	US 5806079 A	19980908	System, method, and computer program product for using intelligent notes to organize, link, and manipulate disparate data objects	715/512	Rivette; Kevin G. et al.